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sixth instructions for writing the processed picture element to the video memory;
and
seventh instructions for initiating the fifth instructions and sixth instructions for each picture element in the first plurality of picture elements and the second plurality of picture elements until all picture elements have been processed, wherein changes in the direction of data on the bus are minimized between the reading and writing of picture elements.

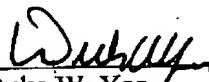
31. A computer program product in a computer readable medium for performing raster operations in a graphics system, wherein the computer program product comprises:
first instructions for collecting memory accesses of video data into batches of input operations substantially equal to a number of rasters in a video display; and
second instructions for sending each batch of input operations on a video bus in a single operation, wherein delays encountered waiting for the video bus to change directions is minimized.

I. Conclusion

The examiner is invited to call the undersigned at the below-listed telephone number if in the opinion of the examiner such a telephone conference would expedite or aid the prosecution and examination of this application.

DATE: March 25, 2003

Respectfully submitted,


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